

Lightning current measuring system - LM-S-A/C-3S-ETH - 2800618

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Evaluation unit for the live monitoring system for the continuous detection and evaluation of lightning strikes. Up to three optical lightning sensors can be connected.

Your advantages

- ✔ Complete module including O/E module for connecting up to three LM-S sensors
- ✔ Mounting on a DIN rail
- ✔ Evaluation and storage of sensor data
- ✔ Realtime analysis and exact point of time allocation
- ✔ Status and diagnostic indicators
- ✔ Communication via Ethernet
- ✔ Operation and configuration via web interface

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356615297

Technical data

Dimensions

Height	185 mm
Width	77.6 mm
Depth	181.5 mm

Ambient conditions

Ambient temperature (operation)	-30 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Altitude	≤ 4000 m (amsl (above mean sea level))

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Technical data

General

Housing material	Stainless steel 1.4016
Mounting type	DIN rail: 35 mm
Type	DIN rail module, one-piece

Typical characteristics

Interface	Ethernet
Number	1
Connection method	RJ45
Transmission speed	10/100 Mbps
Interface	O/E module
Number of ports	3
Connection method	Rack for plug-in I/O module
Basic functions	Evaluation and communication of sensor data
Operation	Via web interface, Modbus, OPC-UA
Maximum storable data records	500
Operating voltage	24 V DC \pm 4 V
Operating current	max. 500 mA
Detectable values (current strength)	5 kA ... 400 kA
Interface	Fiber optic interface
Connection method	B-FOC (ST [®])
Number of ports	3

Remote indication contact

Switching function	N/C contact, 1-pos.
Connection method	M12 D-coded
Maximum operating voltage U_{max} DC	60 V DC

Standards and Regulations

Standards/specifications	EN 61326-1 2013
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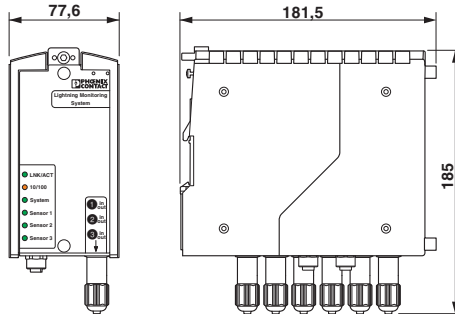
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

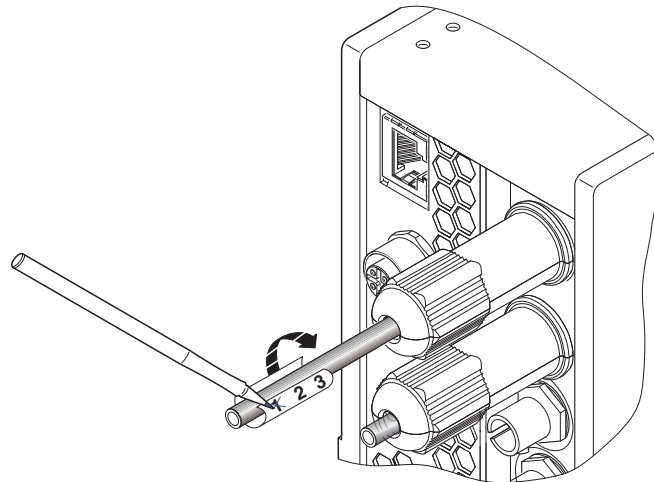
Drawings

Lightning current measuring system - LM-S-A/C-3S-ETH - 2800618

Dimensional drawing



Schematic diagram



Marking of the connecting cable

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